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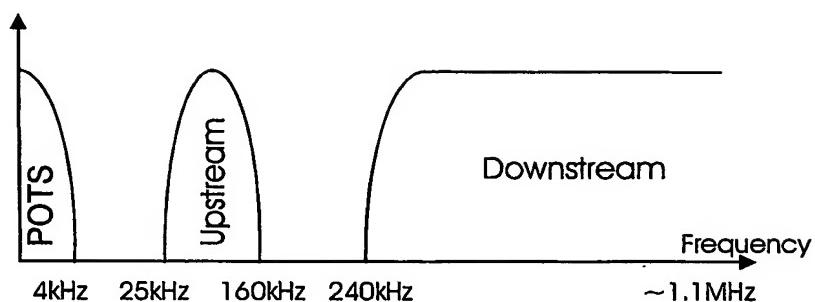


Fig. 1

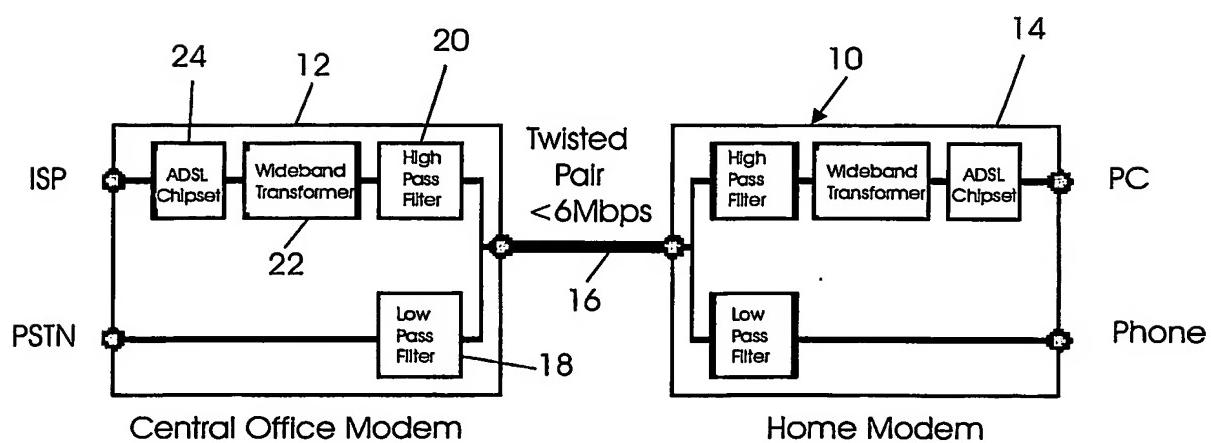
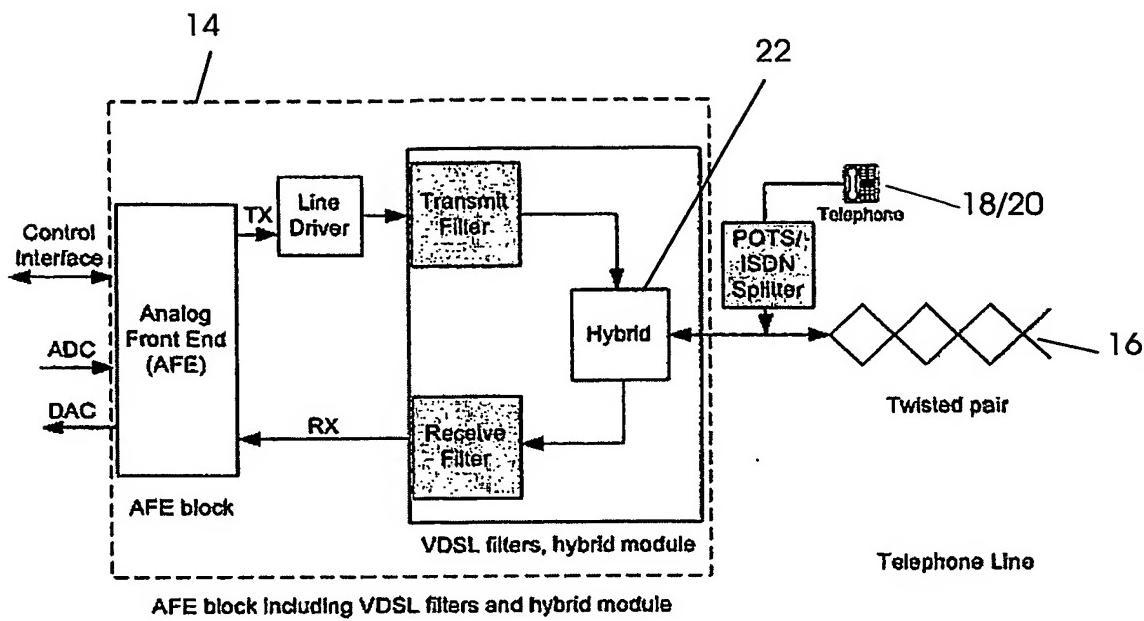


Fig. 2



AFE block including VDSL filters and hybrid module

Fig. 3A

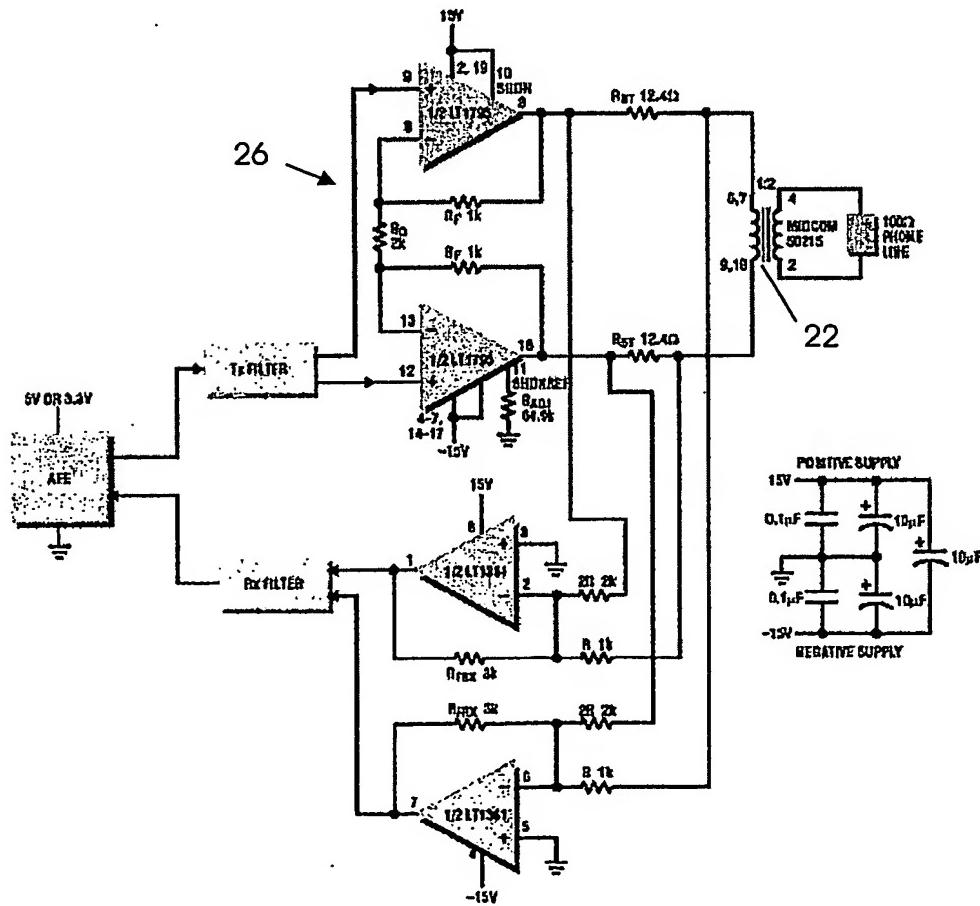


Fig. 3B

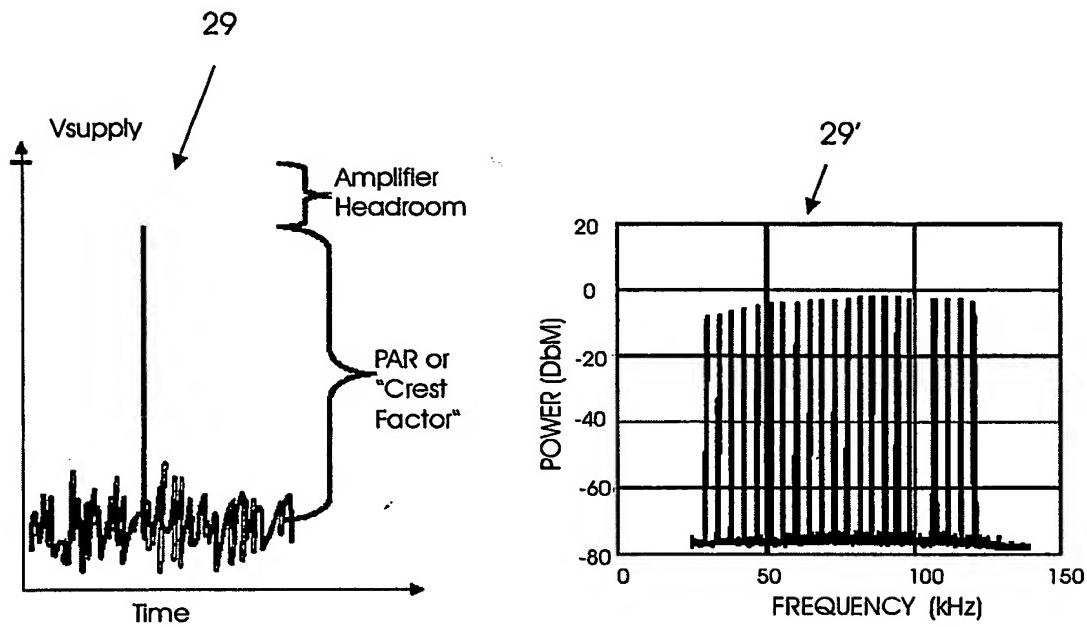


FIG. 3C

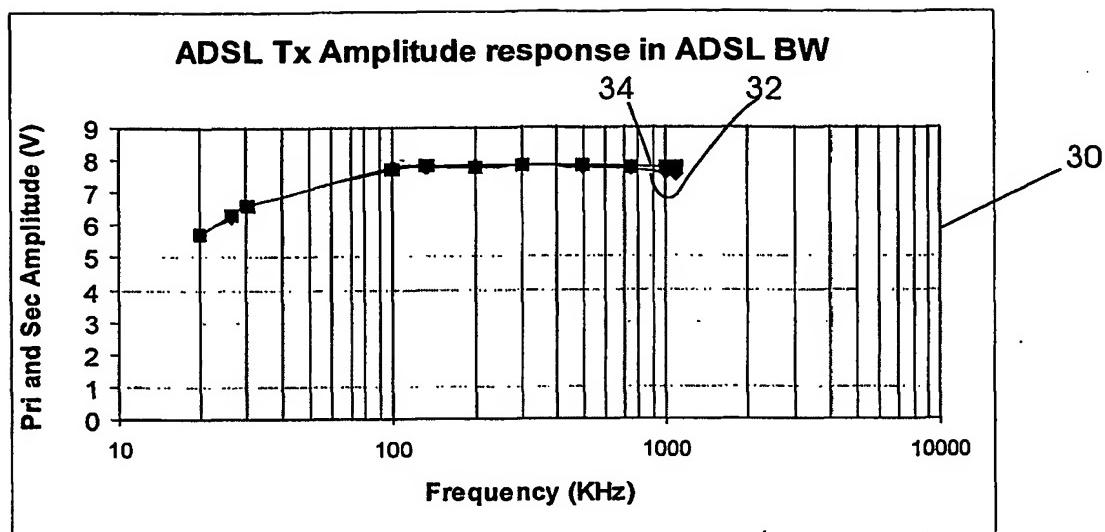


Fig. 4

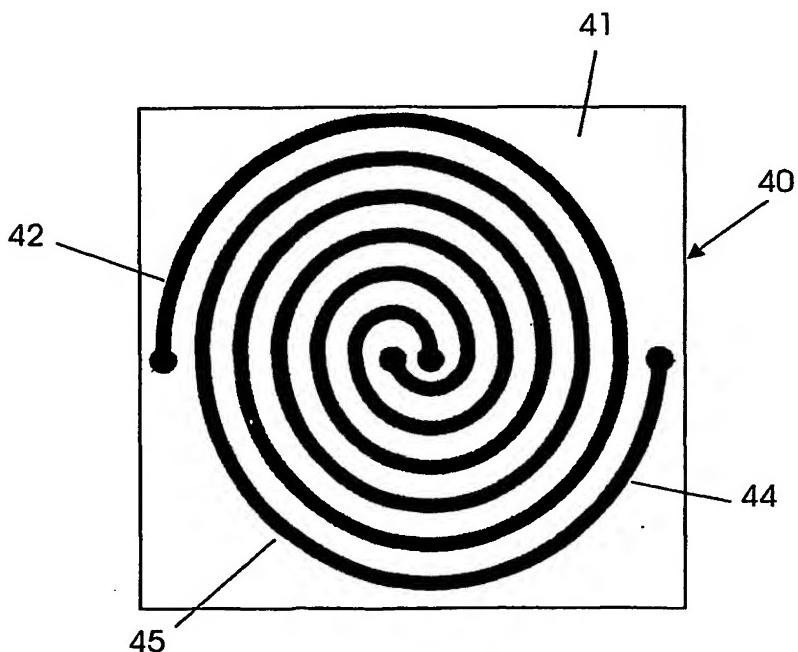


Fig. 5

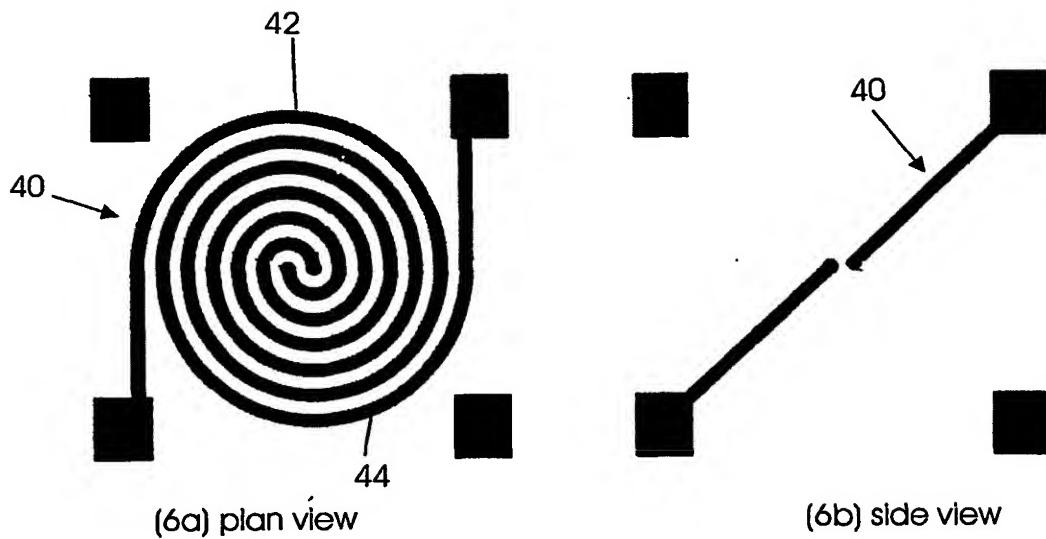


Fig. 6

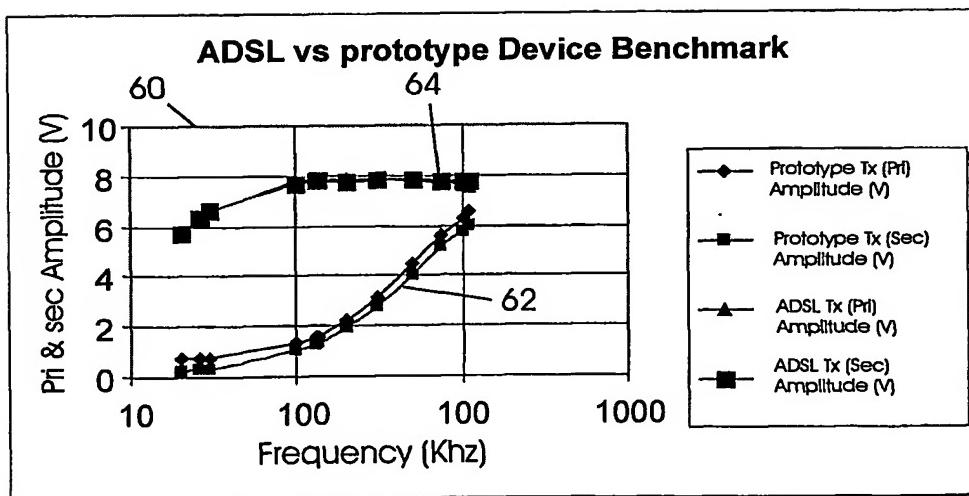


Fig. 7

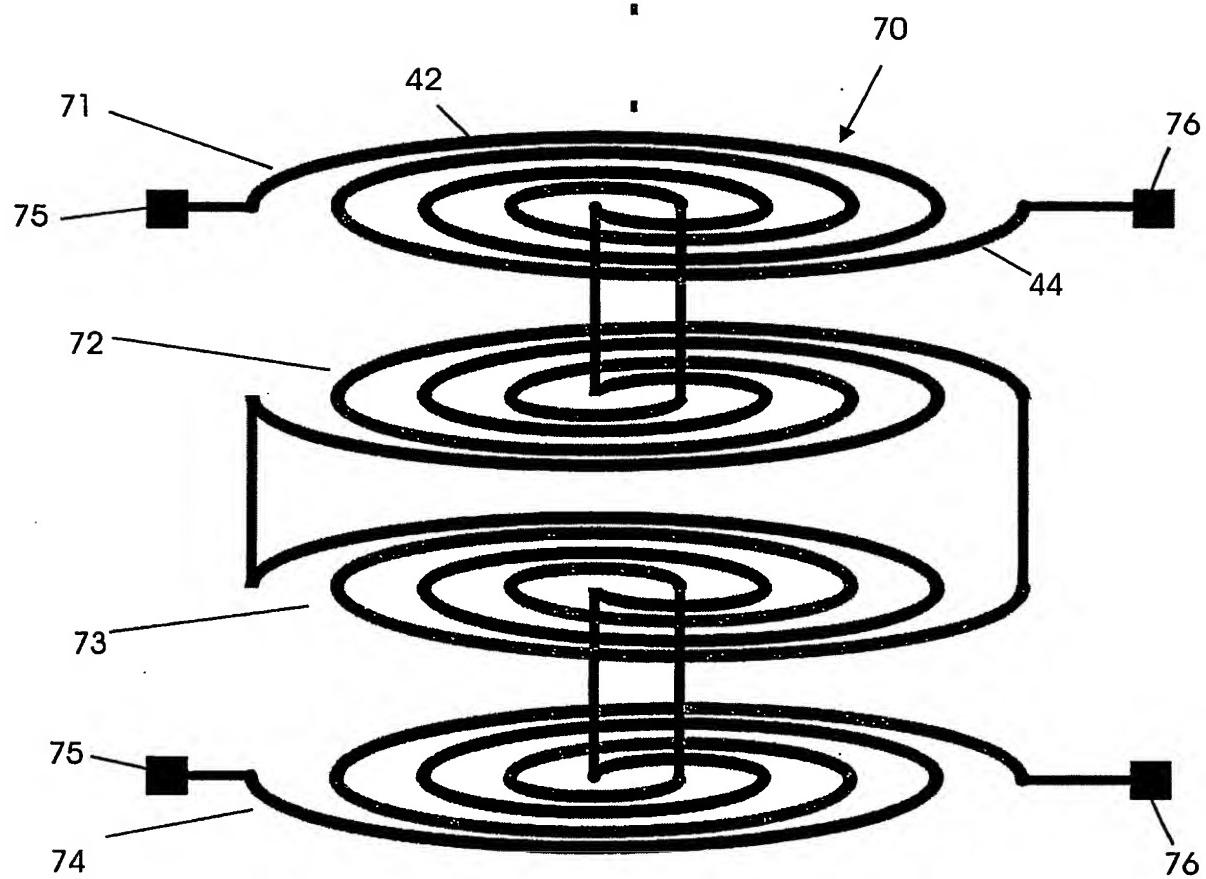


Fig. 8

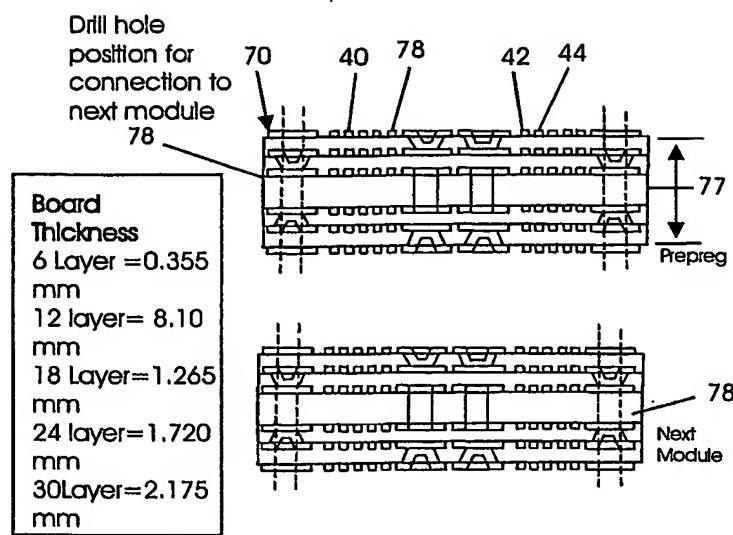


FIG. 9

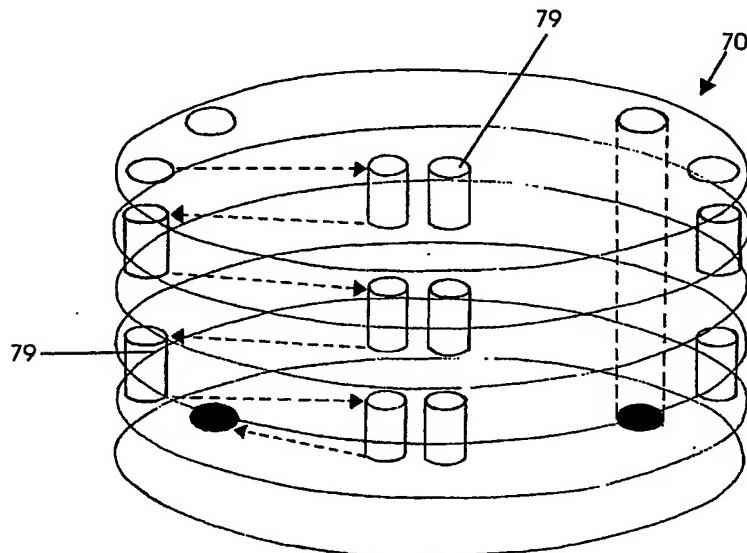


FIG. 10

[P = primary winding – S = secondary winding]

P S P S P S
P S P S P S

P S P S P S
P S P S P S

Bifilar-1

P S P S P S
S P S P S P

P S P S P S
S P S P S P

Bifilar-2

FIG. 11

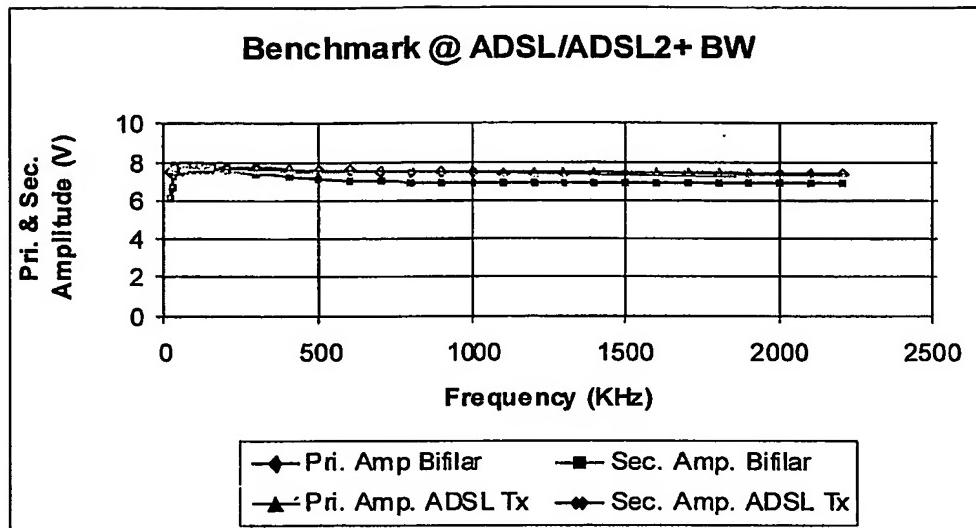


Fig. 12

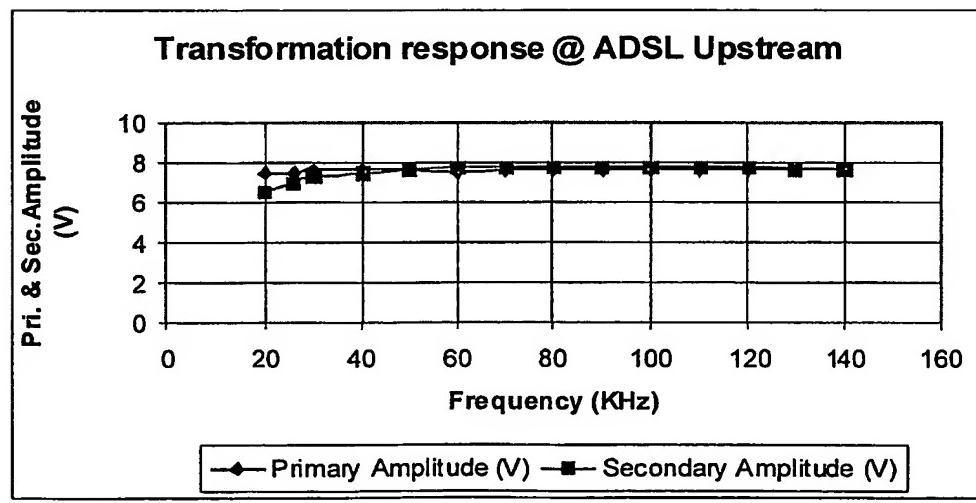


Fig. 13

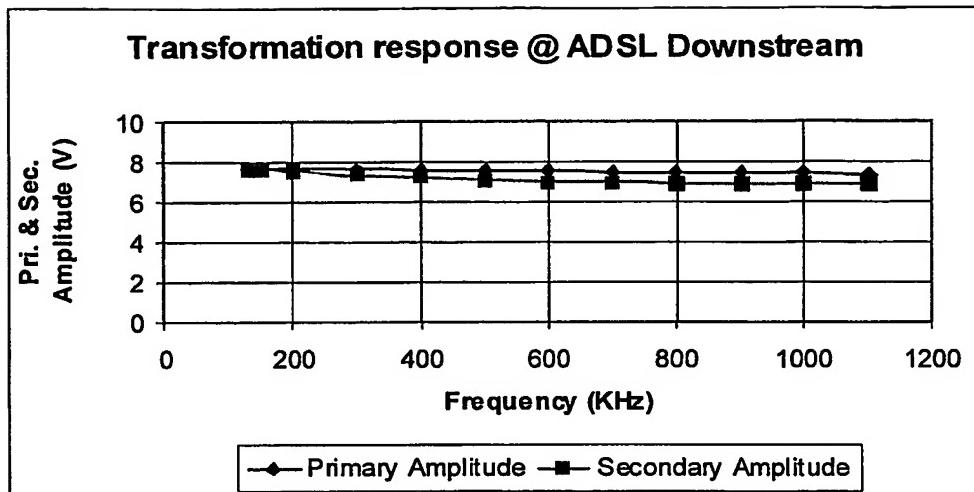


Fig. 14

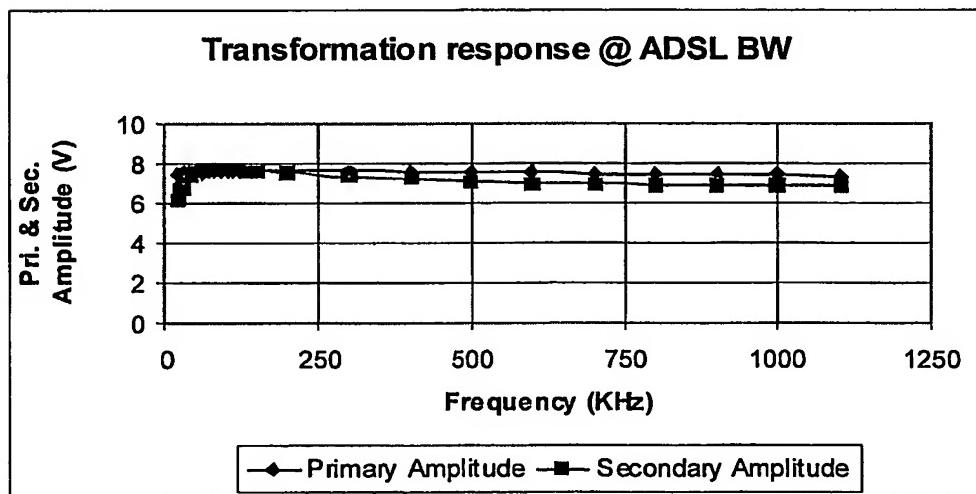


Fig. 15

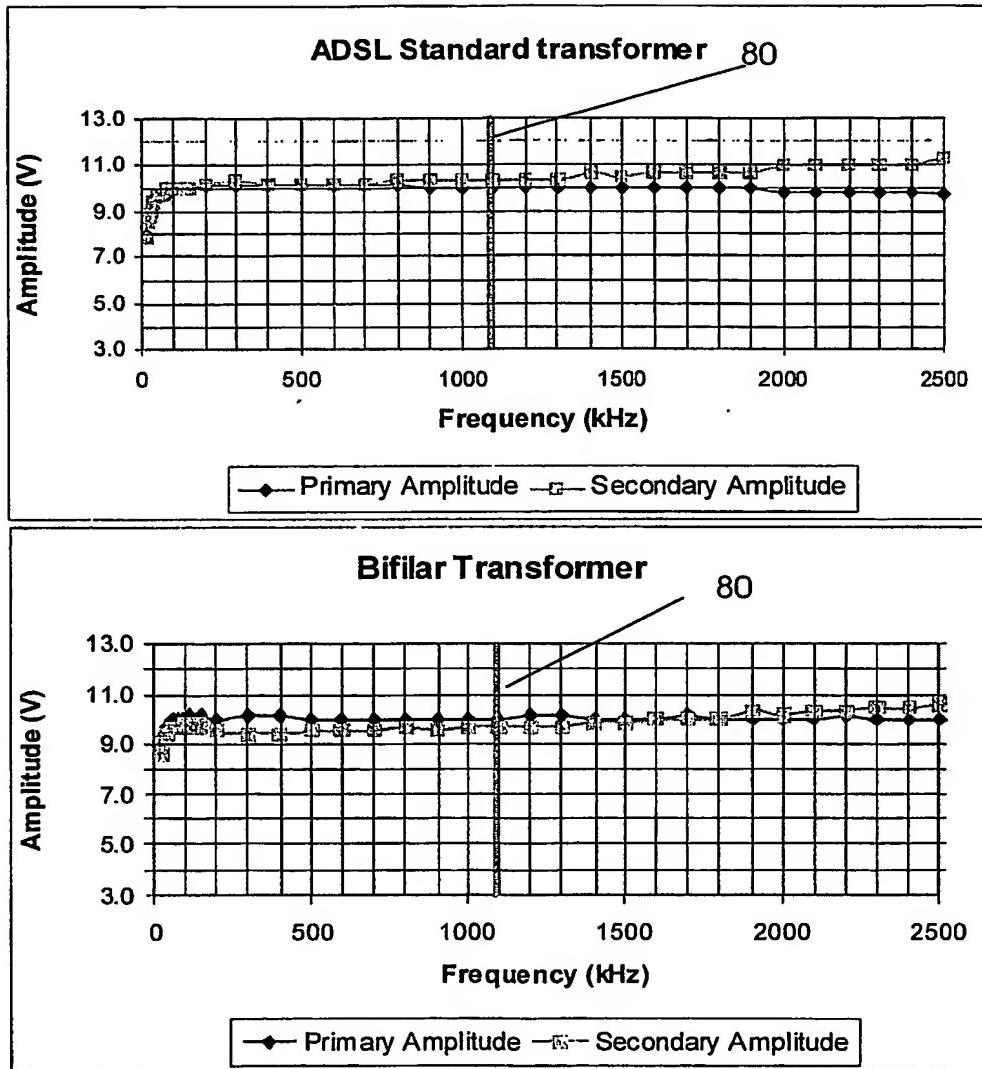


FIG.16

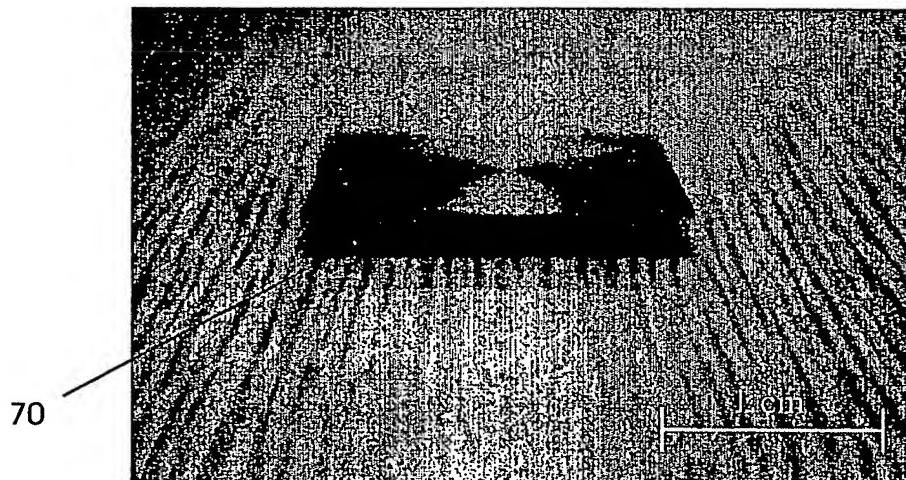


Fig. 17

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